



## Course Information Sheet

**Course Title**    **Advanced Functions – University**

**Course Code**    **MHF4U0**

What do you do in this course?	What you do NOT do in this course.
<ul style="list-style-type: none"><li>• Extends your experience with functions.</li><li>• Investigate the properties of polynomial, rational, logarithmic, and trigonometric functions; develop techniques for combining functions; broaden their understanding of rates of change; and develop facility in applying these concepts and skills.</li></ul>	<ul style="list-style-type: none"><li>• Statistical analysis and combinatorics.</li></ul>

### Recommended knowledge/skills for successful completion

- A strong knowledge and understanding of how to factor, use exponents laws, and simplify fractions
- Excellent learning skills
- Leadership and communication skills
- An interest in math or math related fields of work/study (sciences, engineering, computer science, etc.)

### Other (e.g. homework commitment)

As mathematical concepts build on each other throughout a course, students are expected to keep up with course expectations by consistently completing homework and verifying solutions

**Please note:** *This form will assist students/parents in selecting courses that reflect the aptitudes and interests of the student. Be sure to check the common course calendar for a required prerequisite.*